Parts Change Information

Subject: New GR Power Supply **ISSUE NO.: 19275**

New Part# New Description: Old Part# Old Description:	Reason For Change [ ] Cost Effective [ ] Eliminate Claims [ ] Easier Operation [X] Other	Manufacturing Cut in Serial#:See Below	Applies to: GR SERIES
[X] New	[ ] Modified	[ ] Obsoleted	[ ] Other

Summary:

A new type of Power Supply has been installed on the GR series of Risographs. This has resulted in the elimination of a sub-power PCB for thermal power in the GR2750 and GR1750. Also, a new type of TPH power PCB has been added to the GR3750.

NOTE: The thermal power is now adjusted on the main Power Supply on all of the GR models. Refer to the adjustment procedures for the GR1700 in the GR Technical Training Manual.

Page 2 and 3 of this document show two new styles of power supplies. These are interchangeable and, therefore have the same part number. However, it is necessary to follow the serial number cut-in as described in pages 4 to 6 of this document. You must use the parts listed that corresponds with that particular serial number of GR.

Newly Registered Parts:

019-51038-004	Power Supply PCB VII
019-51031-000	TPH Power PCB;A3

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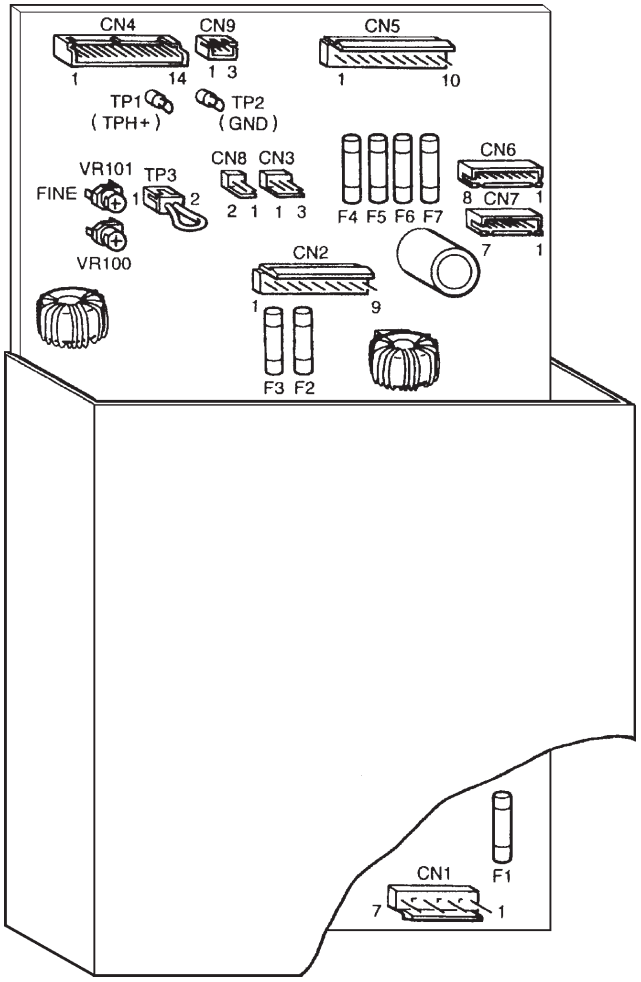

CN

CN1: From Main Power Switch
CN2: To Motor Control PCB2
CN3: To Suction Fan
CN4: To TPH
CN5: System PCB2
CN6: To Image Processing PCB
CN7: To LCD Control PCB
CN8: To Power Supply Fan
CN9: Not Used

VR

VR101: Fine adjustment of TPH voltage
VR100: Gross adjustment of TPH voltage

TP

TP1: For checking TPH voltage
TP2: For checking TPH voltage (ground)
TP3: TPH input voltage (disconnect when adjusting TPH power)

FUSE

F1	10A 125V	Main Fuse		AC Input Voltage
F2	8A 125V	+24VDC	(CN2, Pins 3&4)	Motor Control PCB2
F3	3.15A 125V	+24VDC	(CN2, Pin 1)	Motor Control PCB2
		+24VDC	(CN8, Pin 2)	Suction Fan, Power Supply Fan
F4	3.15A 125V	+24VDC	(CN5, Pin 7)	System PCB2 A-System
F5	3.15A 125V	+24VDC	(CN5, Pin 8)	System PCB2 B-System
F6	3.15A 125V	+24VDC	(CN5, Pin 9)	System PCB2 C-System
F7	3.15A 125V	+24VDC	(CN6, Pin 5)	Image Processing PCB

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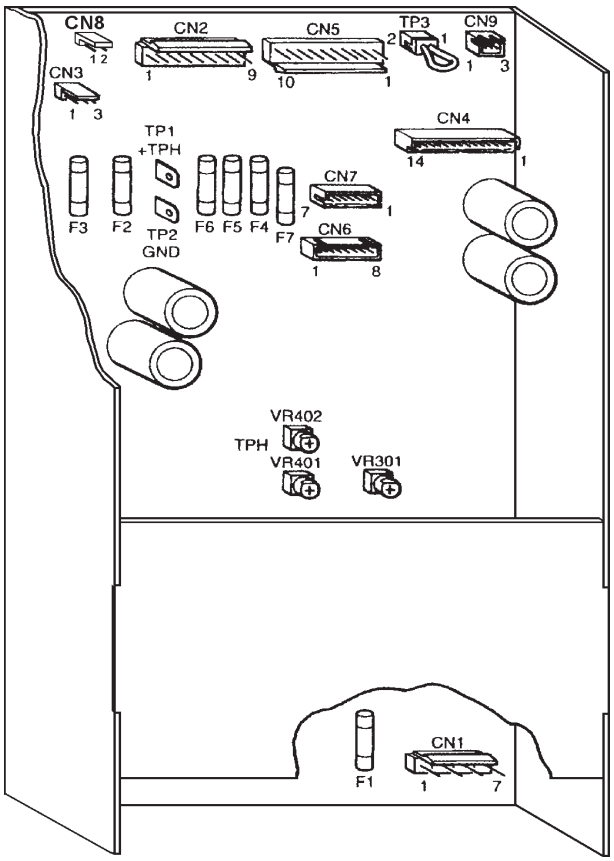

CN
CN1: From Main Power Switch
CN2: To Motor Control PCB2
CN3: To Suction Fan
CN4: To TPH
CN5: To System PCB2
CN6: To Image Processing PCB
CN7: To LCD Control PCB
CN8: To Power Supply Fan
CN9: Not Used

VR
VR301: +5VDC output adjustment
VR401: TPH voltage adjustment
VR402: TPH voltage adjustment

TP
TP1: For checking TPH Voltage
TP2: For checking TPH Voltage (ground)
TP3: TPH input voltage (disconnect when adjusting TPH power)

FUSE

F1	10A 125V	Main Fuse		AC Input Voltage
F2	8A 125V	+24VDC	(CN2, Pins 3&4)	Motor Control PCB2
F3	3.15A 125V	+24VDC	(CN2, Pin 1)	Motor Control PCB2
		+24VDC	(CN3, CN8)	Suction Fan, Power Supply Fan
F4	3.15A 125V	+24VDC	(CN5, Pin 7)	System PCB2 A-System
F5	3.15A 125V	+24VDC	(CN5, Pin 8)	System PCB2 B-System
F6	3.15A 125V	+24VDC	(CN5, Pin 9)	System PCB2 C-System
F7	3.15A 125V	+24VDC	(CN6, Pin 5)	Image Processing PCB
F201	3.15A 125V	+12VDC	(CN5, Pin 3)	System PCB2
			(CN6, Pin 8)	Image Processing PCB
			(CN7, Pin 5)	LCD Control PCB
F202	3.15A 125V	-12VDC	(CN6, Pin 1)	Image Processing PCB
			(CN7, Pin 6)	LCD Control PCB
F203	3.15A 125V	+5VDC	(CN2, Pin 8)	Motor Control PCB2
			(CN5, Pin 1)	System PCB2
			(CN6, Pin 7)	Image Processing PCB
			(CN7, Pins 1&2)	LCD Control PCB

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Serial Number Cut-in:

NOTE: Use the part numbers that apply to the corresponding serial numbers.

GR3750 Up To ser#99455694

- TPH 019-95035-002
- Cable 019-55027-007
- Sub-Power Supply (TPH) 019-51008-105
- Cable 017-55011-203
- Power Supply 019-51006-102

GR3750 ser#99455695-99455872

- TPH 019-95035-002
- Cable 019-55027-007
- Sub-Power Supply (TPH) 019-51015-101
- Cable 017-55011-203
- Power Supply 019-51014-300

GR3750 From ser#99455873

- TPH 019-95035-002
- Cable 019-55027-007
- TPH Power PCB 019-51031-000
- Cable 019-55080-102
- Power Supply 019-51038-004

GR2750 Up To ser#89501234

- TPH 017-95042-004
- Cable 019-55027-007
- Sub-Power Supply (TPH) 019-51008-105
- Cable 017-55011-203
- Power Supply 019-51006-102

GR2750 ser#89501235-89501279

- TPH 017-95042-004
- Cable 019-55027-007
- Sub-Power Supply (TPH) 019-51015-101
- Cable 017-55011-203
- Power Supply 019-51014-300

GR2750 From ser#89501280

- TPH 019-95035-002
- Cable 017-55070-005
- Power Supply 019-51038-004

Parts Change Information

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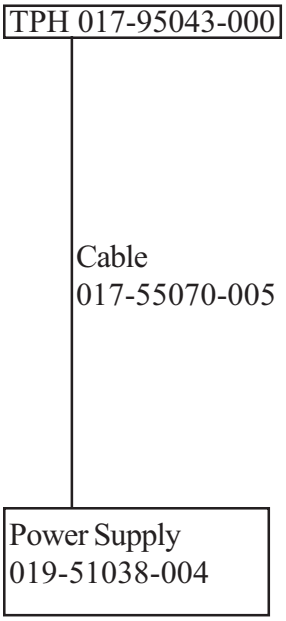
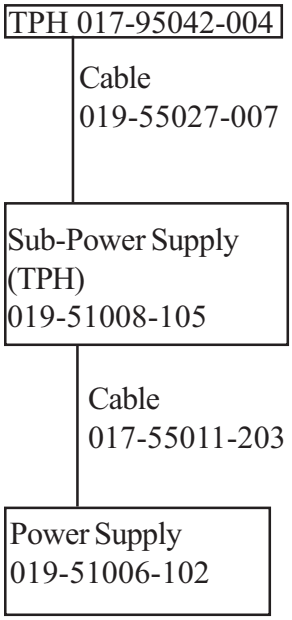
Serial Number Cut-in:

NOTE: Use the part numbers that apply to the corresponding serial numbers.

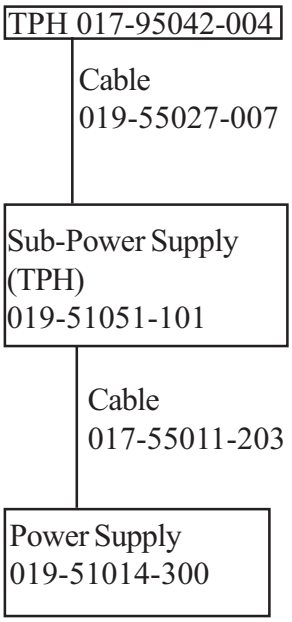
GR2710 From ser#89450001



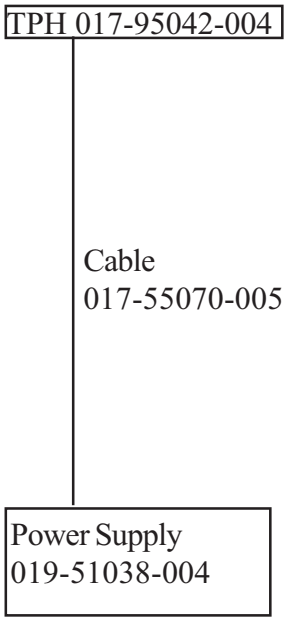
GR1750 Up To ser#88480860



GR1750 ser#88480861-88480908



GR1750 From ser#88480909



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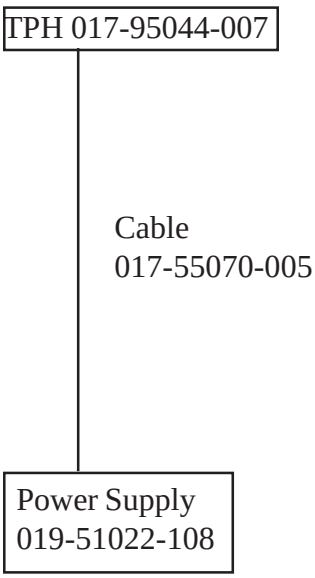
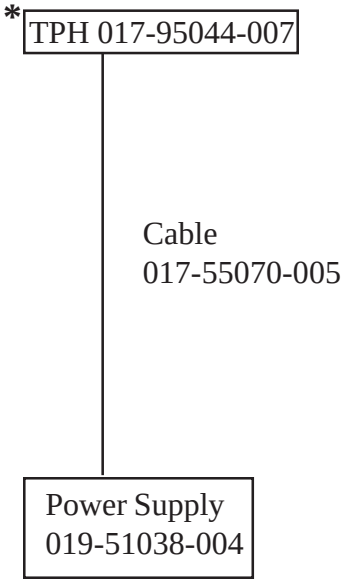
Serial Number Cut-In:

NOTE: Use the part numbers that apply to the corresponding serial numbers

GR1700 ser#88451712-88455289



GR1700 From ser#88455290



***Note:** This bulletin was updated on 10/27/98 and this part # was corrected.